FORM PTO)-1449					U.	S. D	epa ent a	rtment of Co	mmerce rk Office	Atty. Docke P27109	t No.		Applica 10/697	ation No.	
	INFORM	ΑΤί		DIS(Y AF				AT6	TEMENT		Applicant Thomas Gra	afenauer		<u> </u>		
	(U:	se s	ever	al sl	heet	s if ı	nec	9 558	iry)		Filing Date October 31,	2003		Group 1774	Art Unit	
									U.S. PATEN	T DOCUME	NTS					
EXAMINER	T -	Γ										T		· · · · · · · · · · · · · · · · · · ·	FILING	G DATE
INITIAL		<u> </u>	DO	CUMI	ENT	NUM	BER		DATE		NAME	CLASS	SUI	BCLASS		OPRIATE
K		5	7	9	7	1	7	5	8/25/98	Schneid	ler		2		<u> </u>	
		6	0	2	3	9	0	7	2/15/00	Pervan						
		6	7	6	9	2	1	7	8/3/04	Nelson			\supset			
		6	7	6	9	8	3	5	8/3/01	Stridsm	an					
		6	7	6	1	0	0	8	7/13/04	Chen et	al.			***************************************		
	<u> </u>	6	7	1	1	8	6	4	3/30/04	Erwin				-		
	6 7 7 5 5 4 5 1/13/04 Chen et al. 6 6 1 7 0 0 9 9/9/03 Chen et al. 6 5 5 3 7 2 4 4/29/03 Rigler															
	6 6 1 7 0 0 9 9/9/03 Chen et al. 6 5 5 3 7 2 4 4/29/03 Bigler															
	6 6 1 7 0 0 9 9/9/03 Chen et al. 6 5 5 3 7 2 4 4/29/03 Bigler															
	6 5 5 3 7 2 4 4/29/03 Bigler 6 4 6 0 3 0 6 10/8/02 Nelson															
	6 5 5 3 7 2 4 4/29/03 Bigler															
		6	4	4	9	9	1	8	9/17/02	Nelson						
		6	4	3	8	9	1	9	8/27/02	Knause	der			/		····
		6	4	2	7	4	0	8	8/6/02	Krieger						
		6	0	6	5	2	6	2	5/23/00	Motta	· · · · · · · · · · · · · · · · · · ·					
1		20	04/0	206	036				10/21/04	Pervan		 				
1		-)177					9/16/04	Pervan	· · · · · · · · · · · · · · · · · · ·	_	2			
V						<u></u>			FOREIGN PAT		MENTS	1	<u> </u>		1	•
														•	TRANS	LATION
				CUME			BER		DATE	CC	UNTRY	CLASS	SUE	CLASS	YES	NO
		2	_6_	1	_6_	0_	_7_	-7	10/27/77		DE					\times
		2	5	0	-2-	-0-	-8-	_2_	7/29/76		DE		_			\sim
E		1	0	3	4	1	1	7	6/29/66	,	GB				>	
		1	0	3	3	8	6	6	6/22/66		GB			18	X	
1		1	0	4	4	8	4	6	10/5/66		GB				. }	
		4	-2	1	-5-	2	7	3	11/18/93		DE					\nearrow
E			8	1	2	6	7	1	4/29/59		GB				×	
V		2	2	3	8	6	6	0	6/5/91		GB				×	
				ОТ	HER	DOC	UM	ENTS	including Au	thor, Title,	Date, Pertinent	Pages, Etc.)	<u>`</u>		
		W	ebst	er D	ietio	nery	/, p a	ge l	362 /	VO D	atl					
		O _F	pes	ition	IJ.E	PO.	69	3. 16	2-Facts	Argumen	ts Evidence (11 pages)	<u>-trar</u>	slation	D GN	ate
EXAMINER			É		: -		1				TE CONSIDE		ス		7	
*EXAMINER	R: Initial i	fcit	tatio	n cc	nsic	iere	d, 🗸	vhet	her or not o	itation is	in conforma	nce with	MPE	P 609;	draw line	through
citation if no	it in confo	rma	ince	and	not	СОП	side	ered.	. Include cor	ov of this	form with nex	t commun	icatio	n to apr	olicant.	

FORM PTO-14		rtment of Co and Tradema	mmerce rk Office	Atty. Docket P27109	No.	Applica 10/697	ation No. ',561	
INF	ORMATION DISCLOSURE STA	TEMENT		Applicant Thomas Gra	fenauer			
	(Use several sheets if necessar	игу)		Filing Date October 31,	2003	Group 1774	Art Unit	
		U.S. PATEN	T DOCUME	NTS				
EXAMINER		1	. 5000				FILING	DATE
INITIAL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	IF APPR	
8	2 1 2 3 4 0 9	7/12/38	Elmende	orf		7		
	2 2 8 0 0 7 1	4/21/42	Hamilto	n				
<u> </u>	4 2 4 5 6 8 9	1/20/81	Grard et	t al.				
	4 6 5 4 2 4 4	3/31/87	Eckert e	ot al.				
	4 9 4 7 6 0 2	8/14/90	Pollasky	1				
	5 1 0 3 6 1 4	4/14/92	Kawagu	chi et al.				
	5 2 0 5 0 9 1	4/27/93	Brown					
	5 7 3 6 2 2 7	4/7/98	Sweet e	t al.				
	5 5 4 0 0 2 5	7/30/96	Takehai	ra et al.		ſ		
	5 2 8 3 1 0 2	2/1/94	Sweet e	t al.				
	1 9 2 1 1 6 4	8/8/33	.Lewis					
	6 1 8 2 4 1 0	2/6/01	Pervan					
	4 8 4 5 9 0 7	7/11/89	Meek					
		FOREIGN PAT	ENT DOCU	MENTS .			<u></u>	
	DOCUMENT NUMBER	DATE	cc	DUNTRY	CLASS	SUBCLASS	TRANSI YES	LATION NO
	19 7 0 9 6 4 1	9/24/98		DE	_			/
	19 9 2 5 2 4 8	12/21/00		DE				
E	0 9 7 4 7 1 3	1/26/00		EP			×	2
	2 6 3 7 9 3 2	4/20/90		FR				×
	2 7 8 1 5 1 3	1/28/00		FR			-	×:
	2785833	5/12/00	-	FR				\(\sigma\)
	711 4 9 0 0 - 9	9/12/74		SE		-		×
	4 5 0 4 1 1	6/22/87		SE				×
E	1 1 2 7 9 1 5	9/18/68		GB			\sim	
	1 . 2 3 7 7 4 4	6/30/68		GB			\(
	1 2 7 5 5 1 1	5/24/72		GB				_
1/	1 4 3 0 4 2 3	3/31/76		GB				
V	OTHER DOCUMENTS	S (including Au	thor, Title,	Date, Pertinent	Pages, Etc.)		
	U.S. Court of Appeals for Commission, pp. 1-32.	the Federal (Circuit, 02	-1 222-1291 A	lloc, Inc.	s. Internation	nal Trade	
Z	U.S. Court of Appeals for Commission and Pergs, Ir	the Federal (nc. et al. deci	Circuit Ded	cision in Alloc ember 10, 200	, Inc. et al 03.	. vs. Internati	onal Trade	3
EXAMINER	Barb		DA'	TE CONSIDE	RED	2/0	7	
*EXAMINER: In citation if not in	nitial if citation considered, when conformance and not considered	ther or not o	citation is py of this	in conformation of the con	nce with t commun	MPEP 609; ication to app	draw line olicant.	through

Patent a	rtment of Comm nd Trademark C	erce	Atty. Docket P27109	No.			ition No. ,561	
RMATION DISCLOSURE STATE	TEMENT		Applicant Thomas Gra	efenauer				
(Use several sheets if necessa	ry)		Filing Date October 31,	2003		Group 1774	Art Unit	
	U.S. PATENT DO	CUME	ENTS				<u></u>	
DOCUMENT NUMBER	DATE		NAME	CLASS	SUB	CLASS		OPRIATE
6 6 7 2 0 3 0	1/6/04 Sc	hulte						
6 3 4 5 4 8 1	2/12/02 Ne	elson		_	2			
	FOREIGN PATENT	DOCU	MENTS					
DOCUMENT NUMBER	DATE			CLASS	SUB	CLASS	TRANS YES	LATION NO
0000200-6	8/27/01		3E -			-		X
8-109734	4/30/96		JP					1
0 9 6 9 1 6 4	1/5/00		EP				X	
2 9 1 7 0 2 5	11/27/80		DE					X
1089966	9/29/60		DE					
19 7 1 8 3 1 9			DE					·×
4004891	9/27/90		DE					
1 3 9 9 4 0 2	7/2/75		GB				X	
5 5 7 8 4 4	0/15/57		-BE					
7-300979	11/14/95	27.7	JP				Profession of	
2 6 3 0 1 4 9			FR					O
2 5 6 8 2 9 5								*
2 1 1 7 8 1 3			GB					-
0 2 4 8 1 2 7	12-9-87		EP				$\stackrel{\frown}{\nearrow}$	
OTHER DOCUMENTS	(Including Author	, Title,	Date, Pertinent	Pages, Etc.)		-	
		-	_					
	-				······································	······································		
7 ml		DA	TE CONSIDE	RED	Z	-10	7	
al if citation considered, whet	her or not citati	on is	in conformation	nce with	MPEP	609; on to app	draw line	through
						_		
	Patent a RMATION DISCLOSURE STAT BY APPLICANT (Use several sheets if necessa DOCUMENT NUMBER	Patent and Trademark C RMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) U.S. PATENT DC DOCUMENT NUMBER 6 6 7 2 0 3 0 1/6/04 Sc 6 3 4 5 4 8 1 2/12/02 Ne FOREIGN PATENT DOCUMENT NUMBER DATE 0000200-6 8-109734 4/30/96 0 9 6 9 1 6 4 1/5/00 2 9 1 7 0 2 5 11/27/80 1 9 8 9 9 6 6 9/29/60 19 7 1 8 3 1 9 11/12/98 4 0 0 4 8 9 1 9/27/90 1 3 9 9 4 0 2 7/2/75 5 5 7 8 4 4 6/15/57 7 3 0 0 9 7 9 11/14/95 2 6 3 0 1 4 9 10/20/99 2 5 6 8 2 9 5 5/31/86 2 1 1 7 8 1 3 10/19/83 0 2 4 8 1 2 7 12-9-87 OTHER DOCUMENTS (Including Author	Patent and Trademark Office RMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) U.S. PATENT DOCUME DOCUMENT NUMBER 6 6 7 2 0 3 0 1/6/04 Schulte 6 3 4 5 4 8 1 2/12/02 Nelson FOREIGN PATENT DOCU DOCUMENT NUMBER DATE CO 0000200-6 8-10973+ 4/30/96 0 9 6 9 1 6 4 1/5/00 2 9 1 7 0 2 5 11/27/80 1 9 8 9 9 6 6 9/29/60 19 7 1 8 3 7 9 11/12/98 4 0 0 4 8 9 1 9/27/90 1 3 9 9 4 0 2 7/2/75 5 5 7 8 4 4 6/15/57 7 3 0 0 3 7 9 11/14/06 2 6 3 0 1 4 9 10/20/89 2 5 6 8 2 9 6 5/31/86 2 1 1 7 8 1 3 10/19/83 0 2 4 8 1 2 7 12-9-87 OTHER DOCUMENTS (Including Author, Title,	Patent and Trademark Office P27109 Applicant Thomas Graffice P27109 Applicant Thomas Graffice P27109 Applicant Thomas Graffiling Date October 31,	Patent and Trademark Office RMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) DOCUMENT NUMBER	Patent and Trademark Office P27109 Applicant Thomas Grafenauer Filing Date October 31, 2003	Patent and Trademark Office P27109 10/697. RMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 6 6 7 2 0 3 0 1/6/04 Schulte 6 3 4 5 4 8 1 2/12/02 Nelson FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS 0000200-6 8/27/01 SE 8-1400734 4/30/96 JP 0 9 6 9 1 6 4 1/5/00 EP 2 9 1 7 0 2 5 11/27/80 DE 1 0 8 9 9 6 6 9/29/60 DE 1 1 3 9 9 4 0 2 7/2/75 GB 1 3 9 9 4 0 2 7/2/75 GB 2 6 3 0 1 4 9 10/26/99 FR 2 5 6 8 2 9 6 5/31/96 FR 2 1 1 7 8 1 3 10/19/83 GB 0 2 4 8 1 2 7 12-9-87 EP OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	Patent and Trademark Office RMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) U.S. PATENT DOCUMENTS DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FAPRR

FORM PTC	J-1449								artment of Col and Trademar		Atty. Docket P27109	No.	A 1	pplica 0/697,	ation No. ,561	
	INFORM	/ATI			CLO PLI			STA [*]	TEMENT		Applicant Thomas Gra	fenauer	L		,	
	(U	Jse s						essa	ıry)		Filing Date October 31,	2003	G	Froup /	Art Unit	
									1/0 DATEM		<u></u>					
EXAMINER	η								U.S. PATENT	LDOCUME	INTS	T	Т	-	T ==========	
INITIAL	<u> </u>	\perp	_		ENT	NUM	BER	!	DATE		NAME	CLASS	SUBCL	ASS		OPRIATE
		5	9	5	3	8	7	8	9/21/99	Johnso	on					
		5	6	9	4	7	3	4	12/9/97	Cercor	ne et al.					
		5	3	4	8	7	7	8	9/20/94	Knipp	et al.					
		5	2	5	1	9	9	6	10/12/93	Hiller e	et al.					
		4	1	6	4	8	3	2	8/21/79	Van Za	andt		/			
		3	7	6	0	5	4	8	9/25/73	Sauer	et al.	(
		3	7	2	0	0.	2	7	3/13/73	Christe	ensen					
3 6 0 8 2 5 8 9/28/71 V.E. Spratt 2 3 2 8 0 5 1 8/31/43 A.S. Bull																
2 3 2 8 0 5 1 8/31/43 A.S. Bull																
2 2 2 0 6 0 6 11/5/40 Malarkey et al.																
		2	. 0	2	3	0	6	6	12/3/35	Curtis	et al.	,		abla		
		1	9	4	6	6	4	8	2/13/34	Taylor				/		
		1	7	7	9	7	2	9	10/28/30	Bruce			/			
/			6	2	3	5	6	2	4/25/1899	Rider						
V		5	6	5	3	0	9	9	8/5/97	MacKe	enzie	2	-			
									FOREIGN PATE	NT DOCU	MENTS	<u></u>			· · · · · · · · · · · · · · · · · · ·	
				UME	NT N	NUME	3ER		DATE	CC	DUNTRY	CLASS	SUBCL	ASS	TRANSI YES	LATION NO
		86		_4_	-0-	0	-4-	9	6/12/86		DE					<u> </u>
		7	-6	-0	_1_	_7_	7	_3_	2/20/76		NE					\geq
		5-		_4_	-8-	-0-	-8-	4	6/15/93		JP					
		3	2	4	-6 -	3_	-7	-6-	2/5/87		DE			_		>
		7	<u>_</u> 1	0	_2_	4	-7-	8	6/24/71		DE			-		> <
				-5	7	8	-7 -	-1-	2/22/88		NO.		<u> </u>	-		×
0		0	2	4	8	1	2	7	12/9/87		EP				\sim	
			-8	4_	3	_0_	6	•	8/2/84		FI					><
,			5_	_1_	-2	-3-	1	_3_	2/28/00		-CE					<u>></u>
6		2	2	8	9	3	0	9	7/18/00		CA				>	
•		2	-2	5	2	6	4	-3	10/26/72		-DE					\sim
		-		ОТ	HER	DOC	UM	ENTS	(Including Aut	hor, Title,	Date, Pertinent I	Pages, Etc.)			.
				-												
EXAMINER		16	<u>z</u>	1	11	<u> </u>	_			!	TE CONSIDE		21	0	7	
*EXAMINER	R: Initial	if cit	tatio	n cc	onsic	dere	d, v	whet	her or not c	itation is	in conformar	nce with	MPEP (309; c	draw line	through
citation if no	onto	orma	ince	and	not	. con	SIDE	ered	. Include cop	y of this	form with next	t commun	lication t	ю арр	ilicant.	

FORM PT	O-1449								rtment of Cor nd Trademar		Atty. Docket P27109	No.		Applica 10/697	ition No. ,561	
			B,	Y AF	PLI	CAN	IT		TEMENT		Applicant Thomas Gra	ıfenauer			•	
	(Use s	ever	'al si	heet	s if r	nece	essa	ry)		Filing Date October 31,	2003		Group / 1774	Art Unit	
									U.S. PATENT	DOCUME	ENTS			······································		
EXAMINER INITIAL			DO	CUM	ENT	NUM	BER		DATE		NAME	CLASS	SUE	BCLASS	FILING IF APPRO	DATE
2		6	1	1	9	4	2	3	9/19/00	Costar		-	>		11 11 11	J. 11. 1. L
1		6	1	4	8	8	8	4	11/21/00	 	d et al.					·
			2	1	3	7	4	0	4/1/1879	Conne			\supset			
		4	7	6	9	9	6	3	9/13/88	Meyer	son					
		5	2	9	5	3	4	1	3/22/94	Kajiwa						
		4	8	1	9	9	3	2	4/11/89	Trotter	, Jr.					
		4	4	2	6	8	2	0	1/24/84	Terbra	ck et al.					
	3 5 3 8 6 6 5 11/10/701 Gohner 6 0 0 6 4 8 6 12/28/99 Moriau et al.															
	6 0 0 6 4 8 6 12/28/99 Moriau et al. 4 2 4 6 3 1 0 1/20/81 Hunt et al.															
	6 0 0 6 4 8 6 12/28/99 Moriau et al.															
	4 2 4 6 3 1 0 1/20/81 Hunt et al. 5 3 4 9 7 9 6 9/27/94 Meyerson															
		2	7	4	0	1	6	7	4/3/56	Rowle	y					. 13
		3	5	2	6	4	2	0	9/1/70	Branca	aleone					
		4	0	0	6	0	4	8	2/1/77	Canna	dy, Jr. et al.					
		4	9	0	5	4	4	2	3/6/90	Daniel	S	_				
_\\/		2	4	3	0	2	0	0	11/4/47	Wilson						
Ψ									FOREIGN PATE	NT DOCU	MENTS					
	٠			UME	NT N	UMB	ER		DATE	cc	DUNTRY	CLASS	SUB	CLASS	TRANSI YES	ATION ON
		3	2	_1_	_4_	-2-	0	7	11/18/82		DE					\geq
· · · · · · · · · · · · · · · · · · ·		4		3	4		5	-2-	4/22/93		DE					\times
		3-	<u> </u>	-6-	9	9	6_	_7_	7/23/91		JP					X
		3	0	4	1	7	8	1	6/24/82		DE			•		\nearrow
		19_		_5_	_1_	_1_	4	-9-	6/18/98		DE					\times
E			5	8	5	2	0	5	1/31/47	· · · · · · · · · · · · · · · · · · ·	GB				\times	
		20	0	<u> </u>	7	4	8	1	3/22/01		DE					×
		7-	3		0	4	2	-6-	11/28/95		JP					><-
		-4-	_1_	0_	_6_		_6_	_4_	4/8/92		JP					\sim
		-59-	_1_	_8_	-6-	_3_	_3_	_6-	_10/23/84		JP					\sim
13		2	1	2	6	1	0	6	3/21/84		GB				\geq	
					HER	DOC	UMU	ENTS	(Including Aut	nor, Title,	Date, Pertinent	Pages, Etc.)			
CYARRING				5	3	_	· ·	11		150	TP 00110100	<u> </u>	-	2/2		
*EXAMINE		1 15 -1	2010			10	المست				TE CONSIDE				7	4
citation if n	ot in con	iforma	ince	and	not	cou	u, v side	vnet ered	ner or not c . Include cop	y of this	in conformation in conformation with nex	nce with t commur	MPE icatio	- 609; on to app	iraw line licant.	trirough

FORM PTO)-1449					U.S	S. D Pate	epa nt a	rtment of Co and Tradema	mmerce rk Office	Atty. Docket P27109	No.	Applica 10/697	ation No. 7,561	
			B١	Y AP	PLIC	CAN	IT.		TEMENT		Applicant Thomas Gra	ifenauer			
	(U	Jse se	ever	ai st	neet	s if r	1000	:ssa	ry)		Filing Date October 31,	2003	Group 1774	Art Unit	
									U.S. PATEN	T DOCUME	NTS				
EXAMINER		\top		~											3 DATE
INITIAL	-	+20			ENT		BER		DATE		NAME	CLASS	SUBCLASS	IF APPR	OPRIATE
1	+				245 245				2/6/03 5/16/02	Moriau e	et ai.			 	
	 				127				2/21/02	Thiers Thiers e	4 -1		\leftarrow	-	
)127 1047				2/7/02	Thiers e	it ai.			-	
	 	6	6	3	5	1	7	4	10/21/03		. 1			 .	
 	 	6	5	<u> </u>	0	6	6	5	1/28/03	Berg eta Pervan	3 1.			 	
	 	6	4	4	6	4	0	5	9/10/02	Pervan				 	
	+	6	3	2	4	8	0	3	12/4/01	Pervan					
	+	6	4	9	7	9	6	1	12/24/02	Kang et					
	-	6	5	1	0	6	6	5	1/28/03	Pervan	aı.	- 7		 	
	+	6	5	<u> </u>	6	5	7	9	2/11/03	Pervan				-	
		6	5	1	7	9	3	5	2/11/03	Kornfalt	et al		\supset	77	
	 	6	5	3	2		0	9	3/18/03	Pervan	et ai.				
	 	6	5	3	3	8	5	5	3/18/03	Gaynor	at al		>	-	
	-	6	5	5	8	7	5	4	5/6/03	Velin et			<u> </u>	 	
1/	 	6		6	5	9	1	9	5/20/03	Hansson		<u> </u>			
V	<u> </u>							-	FOREIGN PATI	<u> </u>				J	P
														TRANS	LATION
<u> </u>			_	JME	וא דא	JMB	ER		DATE	CC	DUNTRY	CLASS	SUBCLASS	YES	NO
	- 4	50-			-0-	 _		-5	9/25/97		DE-				
B		200		2	0	7		3	1/6/00		AU	4		X	
				<u> </u>	_3_		2	_8_	5/3/98		-AU			,	<u> </u>
			-		-0-	<u> </u>	-	-6-	1/3/96		FP			<u> </u>	\times
5			9		1_	3	7	3	6/22/76		CA				
É				9	9	7	9	3	3/22/48		GB				ļ
V +				3	6	4	2	3	4/26/50		GB				
	===			0	0	9-		3	1/16/39		CH			<u> </u>	\geq
			4			5		6	9/19/36		85				
		6-		-2		-5-	-}-	2-	11/22/94		JP			1	\Rightarrow
.6	==	6_	- -	4_	6	_5_	_5_	3	5/2794		JP.			<u> </u>	<u> </u>
E		92 87		1	7	6 8	<u>5</u> 3	7	10/15/92		wo	,			
E		2	<u> </u>					9	7/2/87		FR			<u> </u>	
			<u></u>		-Z	2	2	ENTE	5/19/95	the Title	Date, Pertinent I	Bassa FAS		<u> </u>	
EXAMINER							-OMI		Jincluding Au		TE CONSIDE		2/0-		
		if cit	atio		nsic	tere	<u>ر</u> ب	whet	ther or not (in conformal			draw line	through
citation if no	ot in conf	orma	nce	and	not	con	side	ered	. include co	py of this	form with nex	t commun	ication to ap	plicant.	unougn

FORM PTO	D-1449					U.	S. D Pate	epa ent a	rtment of Co	mmerce rk Office	Atty. Docket P27109	No.		Applica	tion No. .561	
	INFORM	ATIO	ON I	DISC	CLO	SUF	RE S	STA ⁻	TEMENT		Applicant					
			B١	Y AP	PLI	CAN	IT				Thomas Gra	fenauer				
	(0	se si	aver	ai si	neet	SITI	песе	essa	ry)		Filing Date October 31,	2003	ţ	Group / 1774	Art Unit	
									U.S. PATEN	T DOCUME	NTS					
EXAMINER INITIAL			DOC	CUMI	ENT	NUM	BER		DATE		NAME	CLASS	SUE	BCLASS		OPRIATE
2/		6	5	8	8	1	6	6	7/8/03	Martens	son et al.	Ź	7			
		6	6	4	1	6	2	9	11/4/03	Safta et	al.			****		
		4	2	4	3	7	1	6	1/6/81	Kosaka	et al.				<u> </u>	
		6	1	6	8	8	6	6	1/2/01	Clark						
		D	4	4	2	2	9	6	5/15/01	Kalik				····		
		D	4	4	2	2	9	7	5/15/01	Kalik						
		D	4	4	2	2	9	8	5/15/01	Kolik						
	D 4 4 2 2 9 8 5/15/01 Külik D 4 4 2 7 0 6 5/22/01 Külik D 4 4 2 7 0 7 5/22/01 Külik															
	D 4 4 2 7 0 7 5/22/01 Kolik															
		D	4	4	9	1	1	9	10/9/01	Külik			7			
		D	4	4	9	3	9	1	10/16/01	Kolik	1			_		
		D	4	4	9	3	9	2	10/16/01	Kulik						
		6	3	9	7	5	4	7	6/4/02	Martens	son		7			
//		6	4	3	6	1	5	9	8/20/02	Safta et	al.		ر			
V		6	4	4	6	4	0	5	9/10/02	Pervan			2			
									OREIGN PAT	ENT DOCU	MENTS					
			DOC	UME	NT N	IUME	BER		DATE	co	UNTRY	CLASS	SUB	CLASS	TRANSI YES	LATION NO
E		96	1	3	0	1	7	7	10/3/96		WO				\times	
			3	-0-	-5-	.6	1	4	6/28/99		NO			-		\times
			5	_0_	9	-0-	-5-	-0-	11/30/98		SE					~
-~		2	-6-		_5_	1_	7_	4	10/16/91		FR					\prec
		_2	6	9	1	4	9	1	11/26/93 —		FR				,	>
		_2	-6-	-9-	-7 -	2	7	5-	-4/29/94		ER					>
			_2	1		8	7	7	1/16/41		CH					\sim
E		0	6	2	3	7	2	4	11/9/94		EP [.]				X	
/		0	6	5	2	3	4	0	5/10/95		EP					
<u> </u>		0	8		9		·1	6	6/24/98		EP				\times	
	γ	·		ОТ	HER	DOC	CUME	ENTS	(Including Au	thor, Title,	Date, Pertinent I	Pages, Etc.)				
F 1/44 m: :=		<u> </u>			_			_						<i>f</i> ==		
EXAMINER			2	- <	_		/				TE CONSIDE		4	<u> </u>) _	
citation if no	≺: Initial at in confo	if cit	atio	n cc	onsic	tere	d, v	vhet	her or not o	station is	in conformar	ce with	MPE	P 609; c	draw line	through

FORM PTO	D-1449							rtment of Co nd Tradema			Atty. Docket P27109	No.		Applica 10/697	ition No. ,561	
			Y APF	PLIC	CAN	T					Applicant Thomas Gra	fenauer				
	((Jse seve	ral she	eets	s if n	ece	essa	ry)			Filing Date October 31,	2003		Group 1774	Art Unit	
								U.S. PATEN	T DOCUME	EN	TS					
EXAMINER INITIAL		DC	CUME	NT N	IUME	BER		DATE		N	AME	CLASS	SU	BCLASS		DATE OPRIATE
E		6 4	5	8	2_	3	2	10/1/02	Valentin	าร	son					
		6 4	6	1	6	3	6	10/8/02	Arth et a	al.		,		\geq		
		2005/	00031	149				1/6/05	Kornfalt	t e	et al.	_	_			
	<u> </u>	2004/	02589	907				12/23/04	Kornfalt	t e	et al.					
		2002/	01064	439				8/8/02	Cappell	le						
		2004/	00920	006				5/13/04	Lindeke	en	s et al.			7		
		4 0	9	1	1	3	6	5/23/78	O'Brian	е	t al.					
		6 1	8	6	7	0	3	2/13/01	Shaw				_			
		4 7	5	2	4	9	7	6/21/88	McConl	ke	y et al.		フ			
		2003/	01158	B12				6/26/03	Pervan		_					
		2003/	01964	405				10/23/03	Pervan)		
	i di	2003/	01158	B21				6/26/03	Pervan	_		(
		2003/	02338	809				12/25/03	Pervan		-					
		2004/	00350	078				2/26/04	Pervan				-	\supset		
		2004/	01396	678				7/22/04	Pervan		-		<			
1/		2004/	00161	196				1/29/04	Pervan				2	>		
								FOREIGN PAT	ENT DOCU	JM	ENTS					
		DOC	UMEN	IT NU	JMBE	ER		DATE	cc	οι	JNTRY	CLASS	SUE	BCLASS	TRANS YES	LATION NO
B		98 /	3	8	4	0	1	9/3/98		٧	VO				<u>×</u>	
1/		99 /	6	6	1	5	1	12/23/99		٧	VO					
E		98 /	2	4	9	9	4	6/11/98		٧	vo				>	
B		98 /	2	4	4	9	5	6/11/98		٧	vo				<u>~</u>	
		20 2		8	3	3-	_	5/6/04		_	DE				•	X
		1 2	-0 -	0	6_	9_	0_	5/2/02		_	EP					\sim
		5	_6 _	2_	-3	7	-7	5/30/75		<u> </u>	SH					\times
		0 6	-6-	7	9-	3	6	8/23/95		-1	EP					\sim
		-6-2	0	υ	6	1	1	7/19/94		_	JP					\sim
		8- 2	_7_	0	1_	8	_3_	10/15/96			JP					<u>×</u>
		5	_0_	2	9	9-	4	4/3/96			SE					X
			OTI	HER	DOC	UM	ENT	S (Including Au	rthor, Title,	, D	ate, Pertinent	Pages, Etc.)			
								<i></i>								
EXAMINE		_[: <u>C</u>	1	1	4	<u>//</u>			_	E CONSIDE		_2		7_	
*EXAMINE citation if no	R: Initia ot in con	l if citation	on come	nsid not	dere con	d, v side	whet ered	ther or not on. Include co	citation is py of this	s i fo	in conformation with nex	nce with t commun	MPE icatio	P 609; on to ap	draw line plicant.	through

FORM PTO	D-1449								rtment of Co nd Tradema		Atty. Docket P27109	No.		Applica 10/697,	tion No. 561	
	INFORM		B١	/ AF	PLI	CAN	ΙT				Applicant Thomas Gra	fenauer				
	(U:	se se	ever	al sl	heet	s if r	nece	ssa	ry)		Filing Date October 31,	2003		Group / 1774	Art Unit	
						~~~~			U.S. PATEN	T DOCUME	NTS	<del></del>				
EXAMINER INITIAL			DO	CUMI	ENTI	NUM	BER		DATE		NAME	CLASS	SU	BCLASS	FILING IF APPRO	
2		1	4	6	8	2	8	8	9/18/23	Een			·			
1		1	4	5	4	2	5	0	5/8/23	Parsons						
		1	4	0	7	6	7	9	2/21/22	Ruthrau	ff					
		4	5	0	1	1	0	2	2/26/85	Knowles			)			
		4	0	9	9	3	5	8	7/11/78	Compa	n					
		4	0	9	0	3	3	8	5/23/78	Bourgad	le					
		1	9	8	6	7	3	9	1/1/35	Mitte						
		5	6	- 3	0	3	0	4	5/20/97	Austin						
		5	5	0	2	9	3	9	4/2/96	Zadok e	t al.					
		5	2	1	6	8	6	1	6/8/93	Meyerso	n					
		1	8	9	8	3	6	4	2/21/33	Gynn			·			
		5	1	7	9	8	1	2	1/19/93	Itill		$\leftarrow$				
		5	6	7	1	5	7	5	9/30/97	Wu						
		4	7	3	8	0	7	1	4/19/88	Ezard						
		5	5	9	7	0	2	4	1/28/97	Bolyard	et al.					
		5	5	6	7	4	9	7	10/22/96	Zegler e						
		5	5	4	0	0	2	5	7/30/96	Takehai						
		1	4	7	7	8	1	3	12/18/23	Daniels					-	
1		20	03/0	0024	201				2/6/03	Moriau e	et al.			_		
W		20	03/0	0024	200				2/6/03	Moriau e	et al.					
V	*							1	FOREIGN PAT	ENT DOCU	MENTS		<del></del>		I	
			500	<b>~</b>			250		2175			01.400	0115		TRANSL	
15		$\vdash$	4	2	ENT I	O	5 5	7	2/14/35		GB	CLASS	205	ICLASS	YES	NO
			_3	1	4	2	0	7	<del>9/6/19</del>		DE					
			7		<u> </u>	2	3	<i></i>	<del>-10/15/43</del>		DE					<del></del>
		7		<u></u>					5/30/74		DE					X
:		4	0	0_	2	5	4	7	-8/1/91		DE					~
		0	9	6	9	1	6	4	1/5/00		EP					
		1	2	1	2	2	2	-	-3/10/66		DE					
				01				NTS		thor Title	Date, Pertinent F	Pages Etc				
		Γ	·						/ (merconing Ac	11101, 1140,	Date, Ferunent i	ages, etc.	<del>,</del>			
EXAMINER	<u> </u>		5	7	——————————————————————————————————————	1/1	_	_	7	DA	TE CONSIDE	RED		2/1	77	
		if cit	atio	n co	onsid	dere	d. v	vhet	her or not o		in conformar		MPE	P 609.	traw line	through
citation If no	ot in confo	ma	псе	and	not	con	side	red	. Include co	py of this	form with next	commun	icatio	on to app	licant.	25

FORM P	TO-1449								rtment of Co nd Tradema		Atty, Docket P27109	No.		Applica 10/697	ation No. ,561	
	INFOR	RMATI				SUF		'AT	TEMENT		Applicant Thomas Gra	fenauer				
	. (	Use s						essa	ry)		Filing Date October 31,	2003	,	Group 1774	Art Unit	
		<del></del>							U.S. PATEN	T DOCUME	il Ents				<del></del>	
EXAMINE INITIAL	R		DO	CUM	ENT	NUM	BER		DATE		NAME	CLASS	SU	BCLASS	FILING IF APPRO	DATE OPRIATE
2		20	003/	0029	9116	5			2/13/03	Moriau	et al.		-			
		20	003/	0029	117	,			2/13/03	Moriau	et al.					
		4	6	1	2	7	4	5	9/23/86	Hovde						
		4	5	6	1	2	3	3	12/31/85	Harter e	et al.					
		4	7	1	5	1	6	2	12/29/87	Brightw	ell					
·		4	8	4	5	9	0	7	7/11/89	Meek	······································					
	4 6 5 3 2 4 2 3/31/87 Ezard 4 8 3 1 8 0 6 5/23/89 Niese et al.															
	4 8 3 1 8 0 6 5/23/89 Niese et al.															
	3 2 0 3 1 4 9 8/31/65 Soddy															
	3 2 0 3 1 4 9 8/31/65 Soddy 3 2 8 2 0 1 0 11/1/66 King, Jr.															
		3	7	1	4	7	4	7	2/6/73	Curran						
		3	2	6	7	·6	3	0	8/23/66	Omholt				1		
		3	5	5	5	7	6	2	1/19/71	Costanz	o. Jr.			/		
		3	5	5	3	9	1	9	1/12/71	Omholt			_			
		3	4	8	1	8	1	0	12/2/69	Waite						
7	9	3	4	6	0	3	0	4	8/12/69		nger et al.			)		
		3	9	0	8	0	5	3	9/23/75	Hettich						
		3	9	0	2	2	9	3	9/2/75	Witt et a	al.					
		3	9	3	6	5	5	1	2/3/76	Elmend	orf et al.			<del>)</del>		
7	,	6	5	1	6	5	7	9	2/11/03	Pervan	******					
<del>//</del>		1		8		7		9	1/1/35	Mitte				.,	<del>                                     </del>	
. •						<u> </u>			FOREIGN PAT	L	MENTS		<u> </u>		.1	
			DOC	CUME	ENT I	NUME	BER		DATE	co	DÚNTRY	CLASS	SUE	BCLASS	TRANSI YES	ATION NO
	<b></b>	2	6	9	_1_	4	9	-1	11/26/83		FR					<u> </u>
-		1-1	_2	1	_2	_2_	7	-6-	3/10/66		DE				-	$\overline{}$
		7-	3	0	0	9	7	9	11/14/95		JP				See last	
		19	_ 7	_0_	-8	-6-	-4	4	9/24/98		DE				rige	
		+7	5	3	4	2	7	8	2/18/66		-DE					
		19	9	-2	-5	2	4	8	12/22/00		DE					<del>\</del>
	#==	7		<del>-7</del>	-6-	9	2	3	3/20/95		JP					
				0	THER			ENTS	L	thor, Title,	Date, Pertinent	Pages, Etc.	.)		·	
				<u> </u>				_			······································	· ····				
EXAMIN	ER	~		>/	<u> </u>	_	L			DA	TE CONSIDE	RED		21	07	
											in conforma					through
citation if	not in co	nforma	ance	and	l noi	t con	side	ered	. Include co	py of this	form with nex	t commur	nicatio	on to ap	plicant.	

Duplicate #

FORM PT	0-1449								rtment of Co nd Tradema		Atty. Docket P27109	No.		Applica 10/697,	tion No. 561	
•	INFORM	ATIO				SUF CAN		AT	<b>TEMENT</b>		Applicant Thomas Gra	fenauer	L			
	(U:	se se						essa	гу)		Filing Date October 31,	2003		Group / 1774	Art Unit	
	-								U.S. PATEN	T DOCUME	NTS					
EXAMINER									0.0.1 2.12.10	. 2000			· · · ·	•	FILING	DATE
INITIAL			DOC	CUME	ENT	NUM	BER		DATE		NAME	CLASS	SUB	CLASS	IF APPRO	
- O		1	1	<u>'2</u>	4	2	2	8	1/5/15	Houstor	l		7			
		3	6	9	4	9	8	3	10/3/72	Couque	t		1			
			7	5	3	7	9	1	3/1/1904	Fulghun	n					
		5	7	0	6	6	2	1	1/13/98	Pervan						
		5	2	1	6	8	6	1	6/8/93	Meyerso	DΠ					
		5	3	4	9	7	9	6	9/27/94	Meyerso	on					
		3	8	5	9	0	0	0	1/7/75	Webster	7					
	5 2 9 5 3 4 1 3/22/94 Kajiwara 4 7 6 9 9 6 3 9/13/88 Meyerson															
	4 7 6 9 9 6 3 9/13/88 Meyerson															
	3 5 3 8 6 6 5 11/10/70 Gohner															
		2	7	4	0	1	6	7	4/3/56	Rowley						1
		2	2	7	6	0	7	1	3/10/42	Scull						
		20	01/0	029	720				10/18/01	Pervan	-					
		2	3	9	8	6	3	2	4/16/46	Frost et	al.					
		3	7	6	8	8	4	6	10/30/73	Hensley	et al.					
		4	7	0	3	5	9	7	11/3/87	Eggema				`		
7		5	9	4	3	2	3	9	8/24/99	Shambli						
		5	9	3	5	6	6	8	8/10/99	Smith					·	
1	<del> </del>	5	8	2	3	2	4	0	10/20/98	Bolyard	et al.		_	>		
$\overline{}$		5				8		9	11/23/99	Hamar e						
V		<u> </u>							FOREIGN PAT	ENT DOCU	MENTS				L	
			DOC	UME	NT N	IUME	BER		DATE	cc	DUNTRY	CLASS	SUB	CLASS	TRANSL YES	ATION NO
			_3_	-6-	3_	7	9	5_	12/25/72		RU					×
			- 5	0	9.	0	6	0	11/30/98		SE					X
			5-	-0-	1	0	1	4	10/17/94		-SE					X
			<del>-5</del>	0	-6	2	-5	4	11/24/97		3E					$\overline{\mathbf{x}}$
		4	-2	4	2	-5	_3_	0	6/23/94		DE					× >
E		94	1	2	6	9	9	9	11/24/94		WO					
			5-	-5-	7	8	4	4	3/11/60		BE					~
	T			ОТ	HER	DOC	UMI	ENTS	(Including Au	thor, Title,	Date, Pertinent	Pages, Etc.	)	ا		
	T														<del></del>	
EXAMINE	₹ 9				1	//		1		DA	TE CONSIDE	RED		21	07	
											in conforma			609;	fraw line	through
citation if n	ot in confo	rma	nce	and	not	con	side	red	Include co	ov of this	form with nex	t commun	icatio	n to ann	licant	-

FORM PTO	D-1449		U.S. D Pate	epa nt a	rtment of Co ind Tradema	mmerce rk Office	Atty. Docket P27109	No.		Applica 10/697	ition No. ,561	
	INFORM	ATION DISCLOS		TA	TEMENT		Applicant Thomas Gra	fenauer				
	(U	se several sheets		ssa	iry)		Filing Date October 31,			Group /	Art Unit	
								2003		1774		
EXAMINER	1	1			U.S. PATEN	T DOCUME	NTS			·	,	
INITIAL		DOCUMENT N			DATE		NAME	CLASS	SU	BCLASS		OPRIATE
2		5 9 6 8	6 2	5	10/19/99	Hudson			_			
		6 2 1 6	4 0	3	4/17/01	Belbeoo	'h	_ <				
		6 2 0 5	6 3	9	3/27/01	Pervan			<u> </u>			
	ļ	6 7 1 5	2 5	3	4/6/04	Pervan			$\geq$	·		
	ļ	6 7 6 6	6 2	2	7/27/04	Thiers			<u></u>			
		2005/0016099		~	1/27/05	Thiers						
		2004/0255541			12/23/04	Thiers e	t al.		$\setminus$			
		2004/0250493			12/16/04	Thiers e	t al.					
		2004/0244322			12/9/04	Thiers e	t al.					
		2004/0241374			12/2/04	Thiers e	t al.					
		2004/0237448			12/2/04	Thiers e	t al.					
		2004/0237447			12/2/04	Thiers e	t al.		5	····		
		2004/0159066			8/19/04	Thiers e	t al.			····		
		2003/0159385			8/28/03	Thiers						
		2003/0033777			2/20/03	Thiers e	t al.					
		2003/0029117			2/13/03	Moriau e	et al.					
		2003/0029115		-	2/13/03	Moriau e	et al.					
1/		2003/0024201			2/6/03	Moriau e	et al.					
				ı	FOREIGN PATE	ENT DOCU	MENTS					
		DOCUMENT N	UMBER		DATE	co	UNTRY	CLASS	SUB	CLASS	TRANSI YES	LATION NO
		19 6 1 6	5 1	9	3/12/98		DE					<b>X</b>
		5-3-1	9 8	9	8/6/31		DE					
E		2 1 1 7	8 1	3	10/19/83		GB				$\times$	
		200	9 4	9	1/16/39		CH				$\sim$	
		7 1 0 2	4 7	6	6/24/71		DE.				· · · · · · · · · · · · · · · · · · ·	
		54 6 5	5 2	8	5/26/79		JP			_		
		<del>5 0 1</del>	9 1	4	6/19/95		SE					
		5 1 2	2 9	0	2/28/00		SE					
Ø.		99 1 4 0	2 7	3	08/12/99		wo					
1			1 6	3	1/5/00		EP					
		OTHER I		NTS			Date, Pertinent P	ages, Etc.)	)			
							·					
EXAMINER	. ,	EUN	01			DA	TE CONSIDER	RED	_,	2/8	27	
*EXAMINE	R: Initial	f citation conside	ered, w	het	her or not o	itation is	in conforman	ce with I	MPE	P 609; c	raw line	through
citation if no	ot in confo	rmance and not o	conside	red.	Include cor	ov of this	form with next	commun	icatio	n to app	licant.	

FORM PTO	-1449								rtment of Co		Atty. Docket P27109	No.		Applica	tion No.	
										ik Office		<u></u>		10/037	,30 i	
			E	BY A	PPLI	CAN	T		rement		Applicant Thomas Gra	fenauer				
	(	Use s	eve	arai s	ineei	SIT	nece	9888	ry)		Filing Date October 31,	2003		Group / 1774	Art Unit	
				<del>,,,,,,</del>					U.S. PATEN	T DOCUME	I	<del></del>		<del> </del>	<del></del>	
EXAMINER INITIAL			Dr	OCUM	ENT	NUM	BER		DATE		NAME	CLASS	SUE	BCLASS		3 DATE OPRIATE
4		4	4		6	8	2	0	1/24/84	Terbrac		صر		_		37.12.12
F		2	4	3	0	2	0	0	11/4/47	Wilson					<u> </u>	
		3	-8	5	9	0	0	0	1/7/75	Webster	,		$\geqslant$	<b>`</b>		
		3	5	5 2	6	4	2	0	9/1/70	Brancal	eone					
		6	2	2 0	9	2	7	8	4/3/01	Tychser	1		$\rightarrow$			
		6	4	1	8	6	8	3	7/16/02	Martens	son et al.					
		6	5	9	1	5	6	8	7/15/03	Palsson						
		5	7	9	7	2	3	7	8/25/98	Finkell J	r.					
·		1	7	7	6	1	8	8	9/16/30	Langb'a	um					
)		6	1	0	1	7	7	8	8/15/00	Martens	son					
	·	6	3	4	5	4	8	1	2/12/02	Nelson			_			
		6	4	9	0	8	3	6	12/10/02	Moriau e	et al.					
		20	)02	/004	6528				4/25/02	Pervan	et al.					
		6	7	7	2	5	6	8	8/10/04	Thiers e	t al.		>			
		20	)04	/010	5994				6/3/04	Lu et al.			>			
Ü		4	4	3	1	0	4	4	2/12/84	Bruneau		<	7			
								1	FOREIGN PAT	ENT DOCU	MENTS					
			DO	СПМ	ENT N	IUME	BER		DATE	co	UNTRY	CLASS	SUB	CLASS	TRANSI YES	LATION NO
6		0		9 0	3	4	5	1	3/24/99		EP					
6		0		9 5		4	4	1_	7/23/03		EP					
-		00		1-0	6	8	5	4	2/10/00		WO					
		- 2	$\underline{}$	<del>} 1</del>	6	0	7	7	10/27/77	1 Ye	90		_			×
<u> </u>		-		<u>-6</u>	_3_	4	2	_	9/18/68		E6-					
		_		1_6_	_0_	_1_	_9_	4	5/16/78		ES					
		1		1_1_	_9_	_5_	-8-	-5-	12/12/91		ES					
			-	2 8	3	3	3_	1	5/16/85		ES					
P		01	1	1 6	6	8	7	6	9/13/01		wo					
-   -		99		1.6	6	1_	5	2	12/23/99		wo					
<u> </u>	·	00	1	1 6	6	8	5	6	11/9/00		wo	]				
	·	<del>/</del>		<u></u>	THER	DOC	UMI	ENTS	(Including Au	thor, Title,	Date, Pertinent F	Pages, Etc.				
EVANILIED				<del>-</del>						1					100	
*EXAMINER		10	<u>- (</u>	10	//	_	٠ له	4 .	<u> </u>		TE CONSIDEI			21	07	
citation if no	t in cor	ii ii ci iforma	anc	e and	onsk d not	cou	a, v side	vnet ered.	ner or not o Include co	citation is py of this i	in conformar form with next	ice with i commun	MPEI icatio	Р 609; с In to app	iraw line licant.	through

FORM PTO-	Patent and Trademark Office														
1	NFORM	ATI						'AT	<b>TEMENT</b>		Applicant Thomas Gr	afenauer			
	Patent and Trademark Office														
									U.S. PATENT	DOCUME	NTS				
EXAMINER	Class   Group Art Unit   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   1774   177														
<del></del>		Patent and Trademark Office FORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  PAMPLICANT Thomas Grafenauer Thous And Exclusion Thomas Grafenauer Thomas Grafenauer Thomas Grafenauer Thous And Excl													
150		<del> </del>												-	
		<del> </del>								-		-		-	
		-								<del> </del>		+		<del> </del>	
		<del> </del>										$\geq$			
									+ <		1				
		13								· <del> </del>	al.		<del></del>		
		1		_		$\leftarrow$									
	NFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)														
									<del></del>	+			$\supset$		
								_				$\vdash$			
		├						_		<del>                                     </del>			$\rightarrow$		
										<del> </del>		$\vdash$			
		<del> </del>		_						<del> </del>					
		<del> </del>								<del>                                     </del>		1			
		<del> </del>													
		<del> </del>								<del> </del>		<del>                                     </del>		ļ	
<b></b>		1								<del> </del>			>		
		-								<del></del>					
<u> </u>		4	. 2	4	2	3	9		1	<u></u>				1	
									FOREIGN PATE	NT DOCU	MENTS			r	
										co	<del></del>	CLASS	SUBCLASS		NO
		4	2			5		0							
		4	1	0	7	1	5								
		3	5	4	4	8	4	5	<del></del>				,		
		4	0	0	4	8	9	<u> </u>			DE				
		2			7	1	2	_	<del></del>		DE				
		1	5	3	4	8	<u> </u>	2							<b>&gt;</b>
		3	_ھ_	4	1_	7.	8	1	6/24/82		DE	<u> </u>			7
ļ	_	7	9	2	8	7	0	3	5/21/81		DE			<u></u>	h><
		<del></del>		01	THEF	DOG	CUM	ENT:	S (Including Au	thor, Title,	Date, Pertinen	t Pages, Etc.	)		
		<u> </u>			<b></b>			A		<del></del>					
EXAMINER			1	<u>_</u>	_	2	1		<u> </u>		TE CONSID		2/0-	>	
									ther or not c						through

FORM PTO	Patent and Trademark Office															
	Patent and Trademark Office   P27109															
	Patent and Trademark Office															
				_					U.S. PATEN	T DOCUME	NTS		j			Ng. Tari
EXAMINER	T	Τ							<u> </u>	[					FILING	3 DATE
INITIAL	Patent and Trademark Office															
	DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FILING DATE															
	1	+										<del>                                     </del>				
	1 9 4 0 3 7 7 12/19/33 Storm  1 6 0 2 2 5 6 10/5/26 Sellin  1 5 7 5 8 2 1 3/9/26 Daniels  1 7 7 8 0 6 9 10/14/30 Fetz  1 8 5 9 6 6 7 5/24/32 Gruner  5 4 9 7 5 8 9 3/12/96 Porter  1 5 4 0 1 2 8 6/2/25 Houston  1 6 0 2 2 6 7 10/5/26 Karwisch  1 7 1 8 7 0 2 6/25/29 Pfiester  1 7 6 4 3 3 1 6/17/30 Moretz  1 7 1 4 7 3 8 5/28/29 Smith  6 7 6 1 7 9 4 7/13/04 Mott et al.  6 7 4 5 5 3 4 6/8/04 Kornfalt															
	Thomas Grafenauer   Filing Date															
	Patent and Trademark Office															
	Patent and Trademark Office															
Patent and Trademark Office																
Patent and Trademark Office   P27109   10/697,561																
		-								ļ		·			<u> </u>	- 01
	<del> </del>	-	<u></u> .	<u> </u>						<del></del>		+			<del>  </del>	
		+-		-												
	<del> </del>	+					_							)	<u> </u>	
		+								<del> </del>						
	ļ	+								<b></b>				•		
	-	<del> </del>										+-			ļ	
	<del> </del>	+									et al.		$\triangleright$		ļ	
	Patent and Trademark Office															
	NFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)															
V	1 5 7 5 8 2 1 3/9/26   Daniels															
\ 		Г							FOREIGN PAT	ENT DOCU	MENTS					
	:		DOC	UME	NT N	IUME	BER		DATE	cc	UNTRY	CLASS	SUE	CLASS		
E		96	1	2	7	7	1	9	9/12/96		wo					
/		89	1	0	8	5	3	9	9/21/89		wo					
25		94	1	0	1	6	2	8	1/20/94		WO				>	
		95	1	0	6	1	7	6	3/2/95		wo					
		96	1	2	7	7	2	1	9/12/96	************	wo					
1/		93	1	1	9	9	1	0	10/14/93		wo					
		19	7	1	8	3	1	9	11/12/98		DE					X
		29	_5	1	7_	4	2	8-	2/15/98		DE -					
		_1	0	8	9	9	6	6_	9/29/60		DE				_	
				ОТ	HER	DOC	UMI	ENTS	(Including Au	thor, Title,	Date, Pertine	nt Pages, Etc.	)			
										•			•			
EXAMINER	₹		,	=	5	Z	1		7	DA	TE CONSID	DERED		210	7	
*EXAMINE	R: Initial	if cit	tatio	n co	onsid	iere	d, v	vhet	her or not o	citation is	in conform	nance with	MPE	P 609; d	draw line	through
citation if no	ot in confe	orma	ınce	and	not	con	side	ered	. Include co	py of this	form with n	ext commun	icatio	on to app	licant.	

FORM PTO	D-1449	U.S. Der Patent	artment of Co and Tradema	mmerce rk Office	Atty. Docket P27109	t No.	Applica 10/697,	tion No. ,561	•				
	Patent and Trademark Office  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  Thomas Grafenauer  Filing Date October 31, 2003  FILING DATE INITIAL  DOCUMENT NUMBER  DATE  NAME  CLASS  SUBCLASS  FILING DATE IF APPROPRIATE												
	Patent and Trademark Office   P27109   10/697,561												
						2003							
			U.S. PATEN	T DOCUME	NTS								
EXAMINER		DOCUMENT NUMBER	5475		MANOS	01.400	011001100						
1			<del>-i</del>	<del> </del>		CLASS	SUBCLASS	IF APPR	OPRIATE				
1	<b>†</b>	<del></del>		<del>                                      </del>	·····		<del></del>						
	1			<del> </del>			$\leq$		<u></u>				
		<del>                                     </del>	··	<del>                                     </del>			$\overline{}$						
		5 2 5 3 4 6 4	10/19/93	Nilsen									
		6 3 2 4 8 0 3	12/4/01	Pervan			$\rightarrow$						
0 4		5 8 6 0 2 6 7	1/19/99	Pervan					···				
		1 6 1 5 0 9 6	1/18/27	Meyers			$\rightarrow$						
		1 6 2 2 1 0 4	3/22/27	Fulton									
		5 3 9 0 4 5 7	2/21/95	Sjöland	er		$\supset$						
		1 9 5 3 3 0 6	4/3/34	Moratz									
		6 1 0 1 7 7 8	8/15/00	Martens	son								
		5 7 0 6 6 2	1/13/98	Pervan									
		2004/0139678	7/22/04	Pervan			$\geq$						
		2004/0177584	9/16/04	Pervan									
		<del> </del>	<del></del>	Pervan									
		6 7 6 9 2 1 8		<u></u>			<u> </u>	<u> </u>					
γ			FOREIGN PAT	ENT DOCU	MENTS								
		DOCUMENT NUMBER	DATE	cc	DUNTRY	CLASS	SUBCLASS						
		3 5 1 2 2 0 4	10/16/86		_DE				$\sim$				
		4 3 2 4 1 3 7	1/26/95		DE				$\times$				
		19 7 3 5 1 8 9	6/21/00		DE				$\sim$				
-		· · · · · · · · · · · · · · · · · · ·	+		DE				Y				
D													
		09 6 0 0 5 2 7	<del></del>						$\times$				
									$\sim$				
			200 200						X				
		3 3 4 3 6 0											
1-2-2		7 0 4 4 0 0					,						
				ther Title		Pages Stell	1						
	T	OTRER DOCUMEN	o (monualny At	20101, 1111 <del>0</del> ,	oate, Ferunent	rayes, Etc.			<del></del>				
EXAMINER	└ ₹	7/1/1/1/1		DA	TE CONSIDE	RED	7-	107					
		if citation considered wh	ether or not				MPEP 609: 0	fraw line	through				
citation if no	ot in confo	ormance and not considere	d. Include co	py of this	form with nex	t commun	ication to app	licant.	<b></b>				

FORM PTO	-1449	Patent and Trademark Office FORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  U.S. PATENT DOCUMENTS  U.S. PATENT DOCUMENTS  U.S. PATENT DOCUMENTS  DOCUMENT NUMBER DATE NAME CLASS SUBCLASS IF ILING DATE Filing Date October 31, 2003 FAPPROPRIA  6 0 2 3 9 0 7 2/15/00 Pervan 6 8 0 3 1 0 9 10/12/04 Qiu et al. 6 8 0 3 1 0 9 10/12/04 Qiu et al. 6 8 2 3 6 3 8 11/30/04 Stanchfield 2003/0033784 2/20/03 Pervan 6 8 4 1 0 2 3 1/11/05 Mott 6 7 6 3 6 4 3 7/20/04 Martensson 4 2 9 9 0 7 0 11/10/81 Oltmanns et al. 1 6 2 2 1 0 3 3/22/27 Fulton 1 7 3 4 8 2 6 11/5/29 Pick 1 7 8 7 0 2 7 12/30/30 Wasleff 1 9 2 9 8 7 1 10/10/33 Jones 2 8 9 4 2 9 2 7/14/59 Gramelspacker 6 1 3 4 8 5 4 10/24/00 Stanchfield 2001/0034992 11/1/01 Pletzer et al. 2002/0046528 2002/0046528 4/25/02 Pervan FOREIGN PATENT DOCUMENTS  DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATIO DE  POCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATIO DE  4 4 7 6 3 8 0/37/10 DE  9 9 7 0 3 4 4 10/6/98 BE 9 9 7 0 3 4 4 10/6/98 BE 9 9 7 0 3 4 4 10/6/98 BE 9 9 7 0 3 4 4 10/6/98 BE 9 9 7 0 3 4 4 10/6/98 BE															
			B,	Y AF	PLIC	CAN	IT						fenauer				
	Patent and Trademark Office																
		DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FILING DATE   FAPPROPRIATE															
EXAMINER	Patent and Trademark Office																
	Patent and Trademark Office														OPRIATE		
-		+															
		+									_						
		+									_						
	<del> </del>	<del></del>								ļ				$\supset$			
		-					3_				iel	ld				<b></b>	
	<u> </u>	+			3784									$\bigwedge$			
		-	-														
		6	7			6	4	3	7/20/04	Martens	SSC	on			>		
		4	_2			0	7	0	11/10/81	Oltmanr	ns	et al.					
		1	6	2	2	1	0	3	3/22/27	Fulton							
		1	7	3	4	8	2	6	11/5/29	Pick							
		1	7	8	7	0	2	7	12/30/30	Wasleff							
		1	9	2	9	8	7	1	10/10/33	Jones					>		
		2	8	9	4	2	9	2	7/14/59	Gramels	sp	acker					
		6	1	3	4	8	5	4	10/24/00	Stanchf	iel	d					
		20	01/0	0034	1992				11/1/01	Pletzer	et	al.			>		
		20	02/	0046	528				4/25/02	Pervan	et	al.					
		20	02/	0020	127				2/21/02	Thiers e	et a	al.		^			=
		6	1	8	2	4	1	0	2/6/01	Pervan							
1/		20	02/	0007	608				1/24/02	Pervan					,		
	**************************************	<del></del>	********						FOREIGN PAT	ENT DOCU	IME	ENTS					
													21122				
										CC			CLASS	SUE	CLASS	YES	NO
			<u> </u>		-8-	2	8	4									$\rightarrow$
		_20			_	<u> </u>	_	<u> </u>			_						$\rightarrow$
			<del>-</del>			-		<del>-</del>	***************************************						·		<u> </u>
		09	<u></u> -	_0_	-0-		4_	4_									<u> </u>
-		1		<del>-3-</del>	-4-						_						$\searrow$
B	1 7 8 7 0 2 7 12/30/30   Wasleff														<u> </u>		
		2														<u> </u>	
		Ψ		- 01	HER	טסט	UMI	ENTS	(Including Au	tnor, Title,	, Da	ate, Pertinent F	rages, Etc.	)			·
CVALUNCO		1_	_		<u>,                                    </u>			/_			-			<del></del>		10-	
EXAMINER				<u> </u>	_	1		_	·			CONSIDE			2	107	•••
citation if no	t in confe	IT CII Orma	iuce	ภา co and	onsic ton l	con	a, v side	vnet ered	her or not o . Include co	atation is no of this	s ir	n contormar irm with next	commun	MPE	⊢ 609; ( n to ann	araw line	unrough

FORM PTO-1449	Patent and Trademark Office   P27109   10/697,561														
	BY A	PPLICANT	•				fenauer	· · · · · · · · · · · · · · · · · · ·							
	Use several s	sheets if ne	cessa	ry)			2003		Art Unit						
	_			U.S. PATEN	T DOCUME	NTS									
EXAMINER INITIAL	20011														
INITIAL	<del></del>				ļ	VAME.	CLASS	SUBCLASS	IF APPRO	OPRIATE					
								=							
	<del></del>		٠						<del></del>						
	<del></del>			<del></del>		.lr									
	<del> </del>							$\supset$							
	<del></del>	(													
	4 7 3														
	5 1 7														
	5 6 3		<u> </u>												
	6 2 0		7 8	5/20/97 4/3/01	Austin Tychser	]									
STIVELIJE	2 3 2	4 6 2	2 8	7/20/43	G. Kähr										
	2 0 4		1 6	6/16/36	Klages				·						
	3 1 0	0 5 8	5 6	4/13/63	De Ridd	er		$\supset$							
	3 1 2	5 1 3	3 8	3/17/64	Bolenba	ch		<u> </u>							
	3 1 8	2 7 6	<del>5</del> 9	5/11/65	De Ridd	er				·					
1.	5 1 1	3 6 3	3 2	5/19/92	Hanson	<u> </u>									
	5 4 7	4 8 3	3 1	12/12/95	Nystrom		4								
	5 4 3	3 8 (	0 6	7/18/95	Pasqual	i et al.									
1	6 1 0	1 7 7	7 8	8/15/00	Martens	son		<u> </u>							
				FOREIGN PAT	ENT DOCU	MENTS									
	DOCUM	IENT NUMBE	R	DATE	CC	UNTRY	CLASS	SUBCLASS	TRANSI YES	LATION NO					
	1 2 9	3.0	1 3	4/2/62		FR				×-					
	2-6-6	<del>7 6 ;</del>	3 9	4/10/92		FR				$\sim$					
2	0 6 9		3 2	9/16/98	·····	EP									
	1 0 2		1 1	8/6/03		EP									
	0 8 · 7	······································	3 0	1/26/00		EP									
	0 8 5		3 2	12/1/99		EP									
	0 8 4			10/4/00	··	EP									
E	2 2 4			10/30/91		GB			$\sim$						
E	9 9		7 3	6/22/76		CA			لخرِـــ	L					
<del> </del>		THER DOCU	MENTS	(including Au	ithor, Title,	Date, Pertinent	Pages, Etc.	)							
EXAMINER	1	11			120	TE 0011010=	050	2	107						
	al if citation of	onsidered	y that	hor or not		TE CONSIDE			<u>'                                     </u>	thraus					
*EXAMINER: Initial citation if not in col	nformance an	d not consi	dered	, Include co	py of this	form with nex	ice with commun	ication to app	licant.	unougn					

FORM PTO	)-1449								rtment of Co		Atty. Docket P27109	No.		Applica 10/697	ation No. 7,561	
	INFORM	IATI			CLO PPLI			STA	TEMENT		Applicant Thomas Gra	fenauer				
	(U	se s	ever	al s	heet	s if r	nece	essa	ry)		Filing Date October 31,	2003		Group 1774	Art Unit	
				~					U.S. PATEN	T DOCUME	NTS			L		
EXAMINER				~								•			FILING	
INITIAL		20			ENT 6680		BER		10/31/02	Laurenc	VAME	CLASS	SUI	BCLASS	IF APPRO	PRIATE
	<u> </u>	6	4	2	1	9	7	0	7/23/02		son et al.			· ·	<del> </del>	
<del>.   -</del>	<del>                                     </del>	3	3	4	7	0	4	8	10/17/67	Brown e				>—		
<b></b>	<del>                                     </del>	1	9	5	3	3	0	6	4/3/34	Moratz	it al.					
	<del> </del>	6	7	1	1	8	6	9	3/30/04	Tychser	····		$\triangleright$			
	<del> </del>	5	8	- <del>'</del> -	0	2	6	7	1/19/99	Pervan			<u> </u>		<del> </del>	
		5	7	6	8	8	5	<u>'</u>	6/23/98	Chen			$\Rightarrow$			
5 3 4 9 7 9 6 9/27/94 Meyerson																
		5	0	2	9	4	2	5	7/9/91	Bogataj	)II			)	<u> </u>	
		4	6	4	1	4	6	9	2/10/87	Wood					<u> </u>	
		4	1	6	9	6	8	8	10/2/79	Toshio			$\vdash$			
	<u> </u>	3	7	5	9	0	0	7	9/18/73	Thiele				<del>}</del>		
		3	7		1	4	4	5	5/8/73	Hoffman	n at al					
		3	0		5	2	9	4	7/24/62	Livezey						
		1	9	8	8	2	0	1	1/15/35	Hall	JI.					
		╁	2	1	3	7	4	0	4/1/1879	A.J. Cor	ner	-				
		.5	2	9	5	3	4	1	3/22/94	Kajiwara			$\Rightarrow$	<del></del>	<u> </u>	
	<del> </del>	6	5	1	6	5	7	9	2/11/03	Pervan						
1		4	8	1	9	9	3	2	4/11/89	Trotter J	r		<u> </u>			· · · · · ·
<del></del>	1			<u> </u>					OREIGN PATI				<u> </u>	<del></del>	<u>i</u>	
	I	*****													TRANSLA	TION
			DOC		NT N				DATE	CO	UNTRY	CLASS	SUB	CLASS	YES	NO
		-8-		<del>-0-</del>	9	<u></u>	-3-	4	4/30/96		JP					$\sim$
		6-	3	2	0	5		0	22/11/94		JP					
	-	7-	_	<del>-7</del> -	6	9	2	3	20/3/95		JP -					X
1-7		<u></u>	<u> </u>	_8_	_0_	_3_	_3_	-3-	<del>-18/7/95</del>		JP				Abstract	$\times$
		_	<del>_</del>	<del>-0</del> -	_5_	_5	6_	-6	26/8/02		AT					
			<del>_7</del> _	<del>-7_</del>	-6-	-9-	-5-	6	10/8/99		ER					$\geq$
E			1	5	2		6	3	7/31/85		GB					
B		7	-	7	6	9	2	3	3/20/95		JP				Х	
			4		0	1	4_	1	9/6/87		SE					$\sim$
	<del></del>	Γ	—		HER	DOC	UMI	ENTS	(including Au	tnor, Title,	Date, Pertinent F	ages, Etc.)	)	· · ·		
EXAMINER				7		2				DA3	TE CONSIDEI	250	· · · · ·	71	07	
		f cit	atio		neir	lore	d v	uh ati	her or not a	1	in conformar		MDC	21		20115
citation if no	t in confo	rma	nce	and	not	con	side	red.	Include co	by of this	in comormar form with next	COMMUN	icatio	n to app	olicant.	iiougn

FORM PTO	)-1449								rtment of Co		Atty. Docket P27109	No.		Applica 10/697,	tion No. 561	
	INFORM	ATIO		DIS( / AF				AT	FEMENT		Applicant Thomas Gra	fenauer				
	(U	se s		al si				essa	ry)		Filing Date October 31,	2002		Group /	Art Unit	
			-											1774		
	γ	т							U.S. PATEN	T DOCUME	NTS	·				
EXAMINER INITIAL			DO	CUMI	ENT	NUM	BER		DATE		NAME	CLASS	SU	BCLASS		DATE OPRIATE
Z		4	4	2	6	8	2	0	1/24/84	Terbrac	k et al.		7		•	
		2	3	9	8	6	3	2	4/16/46	O.W. Fr	ost et al.			,		······································
		5	2	5	3	4	6	4	10/19/93	Nilsen						······
		1	8	9	8	3	6	4	2/21/33	G.S. Gy	'nn	7				
		6	7	8	6	0	1	9	9/7/04	Thiers						
		6	4	9	0	8	3	6	12/10/02	Moriau	et al.					
		3	2	0	4	3	8	0	9/7/65	B.F.B. \$	Smith et al.					
·		6	3	6	3	6	7	7	4/2/02	Chen et	al.					
		6	7	8	6	0	1	9	9/7/04	Thiers			_			
		6	0	0	6	4	8	6	12/28/99	Moriau	et al.			)		
	1	20	03/0	0205	013				11/6/03	Garcia				·		
		20	04/0	0200	165	i			10/14/04	Garcia	et al.					
		6	5	1	9	9	1	2	2/18/03	Eckmar	n et al.					
		5	9	8	5	3	9	7	11/16/99	Witt et a	al.		/			
		5	2	9	5	3	4	1	3/22/94	Kajiwar	a .					
		6	4	4	9	9	1	3	9/17/02	Shelton				- 70	10.00	
		4	1	1	8	5	3	3	10/3/78	Hipcher	et al.					
		20	03/0	0167	717	,			9/11/03	Garcia						
1/		5	4	1	3	. 8	3	4	5/9/95	Hunter	et al.	<	_			
V							•		FOREIGN PAT	ENT DOCU	MENTS		<u> </u>			
			D00	UME	. A I T A		)EO		DATE	0/	DUNTRY	CLASS	CLI	BCLASS	TRANS YES	LATION NO
1		1		9	9	4	0	2	7/2/75		GB	CLASS	301	SCLA33	123	140
		<u>_</u>		_5_		3	1	ئے	5/8/94							
-		1		3	0	4	2	3	3/31/76		GB				<del></del>	
B		2			 8	<del>-0</del> -		5	18/05/02		-E3					1
		1	0		9	5_	-	5	1/4/92	<u> </u>	-ES					<del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>
		20			6	1	6	5	14/8/02		DE					X
		2	6		3	5	_1_		5/26/89		FR				-	×-
13	-	2		5	6	0	2	3	11/25/92		GB					<del>X</del>
E		3-			9	9	6	7	7/23/91		JP				XB	*
			<u>'</u>						L	ithor Title	Date, Pertinent	Panes Etc	•		4	為
		Τ							/		· ·	- 48001 610	•			
EXAMINER	<u> </u>	<b>.</b>		7	1	7	1	t	$U_{1}$	ΠΔ	TE CONSIDE	RED			107	7
		if ci	tafic	ים מי	onsi	dere	ر اور	whe	ther or not		in conforma		MPF	P 609	draw line	through
citation if no	ot in confe	orma	ance	and	not	con	sid	ered	. Include co	py of this	form with nex	t commur	icati	on to app	olicant.	oug.

FORM PTO	D-1449					Ü.S	S. D Pate	epa nt a	rtment of Co nd Tradema	mmerce rk Office	Atty. Docket P27109	No.		Applica 10/697,		
	INFOR	MATIC		DISC / AP				TA ⁻	<b>TEMENT</b>		Applicant Thomas Gra	ifenauer				
	(1	Use se						ssa	ry)		Filing Date			Group A	Art Unit	
											October 31,	2003		1774		
		· · · · · · · · · · · · · · · · · · ·							U.S. PATEN	T DOCUME	NTS					
EXAMINER INITIAL			DO	CUME	ENT	NUMI	BER		DATE		VAME	CLASS	SUI	BCLASS	FILING IF APPRO	
E,		5	3	3	5	4	7	3	8/9/94	Chase			7			
01		5	1	3	6	8	2	3	8/11/92	Pellegrii	10					
		4	5	8	5	6	8	5	4/29/86	Forry et						
		4	2	9	0	2	4	8	9/22/81	Kemere	r et al.		/	•		
		4	1	3	1	7	0	5	12/26/78	Kubinsk	у					
		3	8	7	8	0	3	0	4/15/75	Cook						
		6	2	2	4	6	9	8	5/1/01	Endo			_			
		6	4	2	1	9	7	0	7/23/02	Martens	son et al.					
		6	2	4	7	2	8	5	6/19/01	Moebus			$\mathcal{I}$			
		6	7	8	6	0	1	9	9/7/04	Thiers	· · · · · · · · · · · · · · · · · · ·					
		20	03/0	159	385				8/28/03	Thiers			7			
		6	4	9	0	8	3	6	12/10/02	Moriau	et al.					
		6	5	1	0	6	6	5	1/28/03	Pervan				7		
		6	5	3	6	1	7	8	3/18/03	Pervan						
		6	5	3	6	1	7	8	3/25/03	Pålsson	et al.			>		
	7/1	6	5	4	6	6	9	1	4/15/03	Peopolo	ler					
		6	5	9	1	5	6	8	7/15/03	Pålson			1			
.//		6	7	7	2	5	6	8	8/10/04	Thiers e	t al.					
V		6	7	6	9	2	1	8	8/3/04	Pervan						
								- 1	FOREIGN PAT	ENT DOCU	MENTS					
		C	ooci	UMEI	NT N	UMB	ER		DATE	cc	DUNTRY	CLASS	SUE	BCLASS	TRANSI YES	ATION NO
		-3-	_3_	4	3	6	0	1	6/13/85		DE					~ /
V.		94	7	0	1	6	2	8	1/20/94		wo					
B		93	1	1	3	2	8	0	7/8/93		wo				~	
<u> </u>		2	2	3	-8-	- <del>6</del> -	6	0	2/7/74		DE					×
		.57	-4-	4	-9	0	-5-	-6-	7/24/82		JP.					$\searrow$
1		97	1	4	7	8	3	4	12/18/97		wo					
1		94	1	2	6	9	9	9	24/11/94		WO					
1/		84	1	٥	2	1	5	5	6/7/84		wo			İ		
				то	HER	DOC	UMI	ENTS	(Including Au	thor, Title,	Date, Pertinent	Pages, Etc.	)			
								2								
EXAMINE	₹			2	Z	N	1			DA	TE CONSIDE	RED		2/0	7	
											in conforma					through
citation if n	ot in con	torma	nce	and	I not	con	side	ered	. Include co	py of this	form with nex	t commun	icatio	on to app	licant.	

FORM PTO-	1449					U.	S. D Pate	epa ent a	rtment of Co nd Tradema	mmerce rk Office	Atty. Docke P27109	et No.		Applica 10/697	tion No. 561	
11	NFORM	ATIO		DIS( Y AF				AT6	TEMENT		Applicant Thomas G	rafenauer		l		
	(Us	se se	ever	ral si	neet	s if	nece	essa	ıry)		Filing Date October 31			Group / 1774	Art Unit	
				-					U.S. PATEN	T DOCUME	NTS			1		
EXAMINER INITIAL			DO	CUMI	ENT	NUM	BER		DATE		NAME	CLASS	sur	BCLASS	FILING IF APPRO	
6	0	6	7	1	5	2	5	3	4/6/04	Pervan			7			
		6	6	8	2	2	5	4	1/27/04	Olofsso	n et al.	1	5			
		6	6	4	7	6	9	0	11/18/03	Martens	son					
		6			6	8	3	4	8/19/03				2			
		<del> </del>			1			9	<del> </del>					2		
1		5	2	9	5	3	a									
								-								
					······				<u> </u>							
6 6 4 7 6 9 0 11/18/03 Martensson 6 6 0 6 8 3 4 8/19/03 Martensson et al.																
	6 6 0 1 3 5 9 8/5/03 Olofsson 5 2 9 5 3 4 1 3/22/94 Kajiwara															
		_											_			~
		$\vdash$									,		├			
	······································	<del> </del>						-					<del> </del>	·		
		-										<del>-</del>	<del> </del>		<u> </u>	
		┢											<del> </del>			
												-		· · ·		
													-			
		L	···						I FOREIGN PAT	ENT DOCU	MENTS		<u></u>		l	
		Γ											1		TRANSL	ATION
		ļ		CUME					DATE	<del></del>	DUNTRY	CLASS	SUE	BCLASS	YES	NO
E	·····	7	- 3	00	9	79	•		11/14/85	ュ	P.				$\geq$	
												-	<u> </u>			<del></del>
		ļ										1	<u> </u>			
		<u> </u>			_					<u> </u>	<del></del>		<del> </del>			<del></del>
		-									· · · · · · · · · · · · · · · · · · ·	-				
		-					_			· .		-	<u> </u>			
		<del>                                     </del>														
		_									<del></del>	+	<del> </del>			
		1		רס	HEE	יחם י	CHM	FNT	(Including A	thor Title	Date, Pertinen	t Pance Sta	<u> </u>			
								-1414	- Inwania W		Jaw, Perunen	r caffas, Erc	<del>'</del>			
EXAMINER	l	L		K		ζ_			1111	ΠΔ	TE CONSID	ERED		7.1	07	<del></del>
*EXAMINER:	Initial	if cit	atio	n co	onsi	dere	ed. 1	whet	her or not				MPF	P 609:	draw line	through
citation if not	in confo	rma	nce	and	no	cor	rside	ered	. Include co	py of this	form with ne	xt commun	nicatio	on to app	licant.	